

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L18	319	396/72.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:37
L19	355	396/349.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:38
L20	81	348/344.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:38
L21	864	348/335.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:38
L22	50	396/270.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:38
L23	187	396/341.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:38
L24	112	396/73.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:38
L25	326	359/814.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:38
L26	77	396/350.ccls.	USPAT	OR	ON	2007/08/16 17:38
L27	68	396/343.ccls.	USPAT	OR	ON	2007/08/16 17:39
L28	1119	359/823.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
L29	528	348/340.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
L30	933	348/373.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
L31	380	348/374.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
L32	507	348/375.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
L33	562	359/824.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
L34	309	396/349.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
L35	5578	18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:40
L36	58	35 and focus near3 (lens or optic\$3) with shaft	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:40
L37	6	("20050002665" "2176679" "5592250" "5598241" "6835006").PN. OR ("6937816"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/16 17:56

EAST Search History

L38	2850	((akio with omiya) (yoshihiro with ito) (takehiko with senba) (hiroshi with endo)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 18:15
L39	183	((akio with omiya) (yoshihiro with ito) (takehiko with senba) (hiroshi with endo)).in. and barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 18:15
L40	117	radial\$4 near4 mov\$3 with lens near2 group	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:17
L41	151	barrel and focus near4 lens with (mov\$3 or rotat\$4) with axis with shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 18:29
L42	29	("4171894" "4214829" "4264175" "4336986" "4482228" "4525050").PN. OR ("4669848").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/16 18:31
L43	17	("3887930" "3890626" "4099191" "4110005" "4119983" "4204760" "4277158").PN. OR ("4482228").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/16 18:31
S1	3	"20040085460".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 16:06
S2	5	"6650361"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 16:08
S3	1	10/218446	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 16:09

EAST Search History

S4	1	08/834221	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13
S5	67	(nelson with hernandez).xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13
S6	2	S5 and jacob\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:14
S7	28	("20010005429" "20020001409" "20020130957" "20030052981" "4630307" "5008739" "5365604" "5652621" "5751361" "5808674" "5832143" "6034724" "6075889" "6091862" "6229578" "6289137" "6404918" "6507364" "6528181" "6563537" "6567192" "6570616" "6781626" "6791609" "6803965" "6819363" "6924839" "6933970").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:16
S8	5	S7 and defect\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:52
S9	1	10/693930	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:34
S10	1	("20030156832").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:35

EAST Search History

S11	133	(("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040141735" "0042089" "0042090" "0042091" "0042092" "0042093" "0042095" "0042096" "0042775" "0042776" "0042777" "0042778" "0051967" "0051968" "0051969" "0051970" "0051971" "0051972" "0051981" "0062536" "0062537" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5548446" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6711349" "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:35
S12	44	("5086312").URPN.	USPAT	OR	OFF	2007/03/06 09:44

EAST Search History

S13	101	("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040091253" "20040141735" "20040141736" "20040141737" "20040151490" "20050207748" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5548446" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6665129" "6711349" "6757489" "6965733" "6990291").PN. OR ("7167644").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:45
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EAST Search History

S14	95	("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040042902" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040141735" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5548446" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6665129" "6711349" "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 09:47
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EAST Search History

S15	95	("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040042902" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040141735" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5548446" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6665129" "6711349" "6757489").PN. 	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:00
S16	44	("4214829" "4482228" "4525050" "4536068" "4725864" "4887107" "5005038" "5086312" "5548446").PN. OR ("5765049"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:08

EAST Search History

S17	93	("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040141735" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6665129" "6711349" "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:10
S18	54	S17 not nomura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:10
S19	71	("2995061" "3002422" "3194139" "3212422" "3260184" "4161756" "4199983" "4284337" "4413893" "4445757" "4525050" "4602867" "4768066" "4990945").PN. OR ("5223873"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:39

EAST Search History

S20	3	"6094534"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:42
S21	346	396/349.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:38
S22	3	("20030156832" "4597657" "4669848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 10:47
S23	23	("4669848").URPN.	USPAT	OR	OFF	2007/03/06 10:50
S24	41	("4803557" "4961115" "5557327" "5706051" "6031998");PN. OR ("6366323").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:07
S25	43	("5444485" "5627589" "5673083" "5731834" "5765060").PN. OR ("6031998").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:14
S26	8	S25 not nomura	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 11:17

EAST Search History

S27	93	("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040141735" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6665129" "6711349" "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:04
S28	840	camera and lens near4 bellow\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:06
S29	57	camera and lens near4 bellow\$4 same retract\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:07
S30	17	("3877047" "4289390" "4375323" "4547053" "4662734" "4666274" "4763145").PN. OR ("5056903").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:08

EAST Search History

S31	22	("1131712" "4653883").PN. OR ("4763145").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:20
S32	154	359/379.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:21
S33	10	lens near3 group with outside with optical near3 path	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:23
S34	18	("4015895" "4146305" "4240697" "4318592" "4330180").PN. OR ("5082360").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:23
S35	187	lens near3 group with outside with optical near3 axis	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 12:24

EAST Search History

S36	95	("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040042902" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040141735" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5548446" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6665129" "6711349" "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:34
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EAST Search History

S37	95	("20010017738" "20010019458" "20010024573" "20020135896" "20020135900" "20020135901" "20020181953" "20030007796" "20030081325" "20030081327" "20030081948" "20030156832" "20040042089" "20040042090" "20040042091" "20040042092" "20040042093" "20040042095" "20040042096" "20040042775" "20040042776" "20040042777" "20040042778" "20040042902" "20040051967" "20040051968" "20040051969" "20040051970" "20040051971" "20040051972" "20040051981" "20040062536" "20040062537" "20040141735" "3377427" "4451129" "4525050" "4545661" "4597657" "4643554" "4643555" "4721972" "4768048" "4771303" "4791441" "4792822" "4841323" "4887107" "4937609" "4952955" "4974949" "4993815" "5086312" "5099263" "5136324" "5210644" "5223873" "5264939" "5376983" "5430516" "5485315" "5499143" "5548446" "5587754" "5636062" "5715482" "5731913" "5739962" "5765049" "5790907" "5790911" "5818647" "5832326" "5870232" "5909600" "5912772" "5926322" "6031998" "6052535" "6055116" "6064533" "6069745" "6075655" "6115190" "6185375" "6204977" "6324019" "6366323" "6490099" "6570718" "6611663" "6665129" "6711349" "6757489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:34
S38	29	("2289133" "2741965" "2869445" "2960018" "4104663" "4119983" "4176930" "4214829" "4264172" "4264174" "4482228" "4525050" "4725864" "4871238" "4937609" "5005038" "5047792" "5216549" "5765049" "6222997" "6226460" "6282377" "6449430" "6466740" "RE34453").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:39
S39	44	("4643554").PN. OR ("4937609"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:50

EAST Search History

S40	14	S39 not nomura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 16:49
S41	108	radial\$4 near4 mov\$3 with lens near2 group	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:15
S42	4	("5490015" "5576894" "6002534").PN. OR ("6091552"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 16:56
S43	195047	"348" /335.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 16:57
S44	227436	"348" /335.ccls. and optical near3 (axis or path) near4 outside	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:57
S45	24	348/335.ccls. and optical near3 (axis or path) near4 outside	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:58
S46	806	348/335.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:38
S47	78	348/344.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:38
S49	67	(nelson with hernandez).xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:47
S70	2	nelson.xa. and silverbrook and timer	USPAT	OR	OFF	2007/03/08 10:44
S71	0	("20030156832").PN.	USPAT	OR	OFF	2007/03/08 10:44
S72	2	("20030156832").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:43

EAST Search History

S73	29	(US-20060233543-\$ or US-20030156832-\$ or US-20040228626-\$ or US-20040076420-\$ or US-20040206177-\$).did. or (US-5086312-\$ or US-7013081-\$ or US-6978089-\$ or US-5765049-\$ or US-5715482-\$ or US-5223873-\$ or US-5774749-\$ or US-7167644-\$ or US-4669848-\$ or US-5696634-\$ or US-4789875-\$ or US-6366323-\$ or US-6031998-\$ or US-5056903-\$ or US-4763145-\$ or US-5082360-\$ or US-6711349-\$ or US-4937609-\$ or US-4643554-\$ or US-6771438-\$ or US-6704151-\$ or US-6091552-\$ or US-6002534-\$ or US-5546644-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:10
S74	61	(US-20060233543-\$ or US-20030156832-\$ or US-20040228626-\$ or US-20040076420-\$ or US-20040206177-\$).did. or (US-5086312-\$ or US-7013081-\$ or US-6978089-\$ or US-5765049-\$ or US-5715482-\$ or US-5223873-\$ or US-5774749-\$ or US-7167644-\$ or US-4669848-\$ or US-5696634-\$ or US-4789875-\$ or US-6366323-\$ or US-6031998-\$ or US-5056903-\$ or US-4763145-\$ or US-5082360-\$ or US-6711349-\$ or US-4937609-\$ or US-4643554-\$ or US-6771438-\$ or US-6704151-\$ or US-6091552-\$ or US-6002534-\$ or US-5546644-\$). did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 13:00
S75	1	S74 and revolv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 12:44

EAST Search History

S76	29	(US-20060233543-\$ or US-20030156832-\$ or US-20040228626-\$ or US-20040076420-\$ or US-20040206177-\$).did. or (US-5086312-\$ or US-7013081-\$ or US-6978089-\$ or US-5765049-\$ or US-5715482-\$ or US-5223873-\$ or US-5774749-\$ or US-7167644-\$ or US-4669848-\$ or US-5696634-\$ or US-4789875-\$ or US-6366323-\$ or US-6031998-\$ or US-5056903-\$ or US-4763145-\$ or US-5082360-\$ or US-6711349-\$ or US-4937609-\$ or US-4643554-\$ or US-6771438-\$ or US-6704151-\$ or US-6091552-\$ or US-6002534-\$ or US-5546644-\$). did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2007/03/08 13:00
S77	9	("4214829" "4482228" "4525050" "4536068" "4725864" "4887107" "5005038" "5086312" "5548446").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 13:08
S78	7	("3887930" "3890626" "4099191" "4110005" "4119983" "4204760" "4277158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 13:09
S79	7	("3887930" "3890626" "4099191" "4110005" "4119983" "4204760" "4277158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/08 13:10
S80	10	("4482228").URPN.	USPAT	OR	OFF	2007/03/08 14:05
S81	0	"20040189852" and shutter with rear	USPAT	OR	OFF	2007/03/08 14:05
S82	1	"20040189852" and shutter with rear	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:09
S83	0	"20030156832" and focus\$4 with S72 with shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
S84	0	"20030156832" and S72 with shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
S85	0	"20030156832" and focus\$4 with shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
S86	2	"20030156832"	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
S87	1	"20030156832" and focus\$4 same shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:10
S88	0	S73 and electrooptical	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:25
S89	0	S73 and electronic near3 shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:25

EAST Search History

S90	856	electro\$1optic\$3 near4 shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:27
S91	1	S90 same barrel	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:26
S92	5029	liquid near3 crystal near4 shutter	US-PGPUB; USPAT	OR	OFF	2007/03/08 14:27
S93	8175	liquid near3 crystal near4 shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:27
S94	0	S93 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:28
S95	18	S93 same barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:29
S97	1043	lcd near3 shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:30
S98	40	S97 and barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:30
S99	3	S97 same barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:31

EAST Search History

S10 0	2712	optical near2 shutter and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:31
S10 1	270	electro\$1optical near2 shutter and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:32
S10 2	177	S101 not tsikos not knowles not zhu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 14:38
S10 3	2	electro-optical near2 shutter with advantage and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 18:22
S10 4	131	shutter with speed with control\$4 with advantage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 15:04
S10 5	35	shutter with speed with control\$4 with advantage	USPAT	OR	ON	2007/03/08 15:28
S10 6	10	S73 and push\$3	USPAT	OR	ON	2007/03/08 15:37
S10 7	21	S73 and (engag\$4 or tapp\$3)	USPAT	OR	ON	2007/03/08 15:47
S10 8	96	396/73.ccls.	USPAT	OR	ON	2007/03/08 15:47
S10 9	79	S108 not nomura.in.	USPAT	OR	ON	2007/03/08 15:52
S11 0	300	396/349.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
S11 1	306	396/72.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:40

EAST Search History

S11 2	194	S111 not nomura.in.	USPAT	OR	ON	2007/03/08 15:52
S11 3	189	S111 not nomura.in. not S108	USPAT	OR	ON	2007/03/08 15:54
S11 4	71	396/75.ccls.	USPAT	OR	ON	2007/03/08 15:54
S11 5	77	396/350.ccls.	USPAT	OR	ON	2007/08/16 17:38
S11 6	71	396/75.ccls.	USPAT	OR	ON	2007/03/08 15:54
S11 7	68	396/343.ccls.	USPAT	OR	ON	2007/08/16 17:39
S11 8	198	396/348.ccls.	USPAT	OR	ON	2007/03/08 16:15
S11 9	0	(GOSHIYO with NATSUO).in.	USPAT	OR	ON	2007/03/08 16:16
S12 0	2	(GOSHIYO with NATSUO).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 16:45
S12 1	50	396/270.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:38
S12 2	481	348/340.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
S12 3	896	348/373.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
S12 4	361	348/374.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
S12 5	480	348/375.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
S12 6	539	359/824.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
S12 7	1092	359/823.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:13
S12 8	315	359/814.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:38
S12 9	1092	359/823.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:39
S13 0	294	359/704.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:15
S13 1	187	396/341.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/16 17:38

EAST Search History

S13 2	519	"358"/\$.cccls. and barrel	US-PGPUB; USPAT	OR	OFF	2007/03/08 17:22
S13 3	352	"358"/\$.cccls. and barrel	USPAT	OR	OFF	2007/03/08 17:23
S13 4	242	((akio with omiya) (yoshihiro with ito) (takehiko with senba) (hiroshi with endo)).in.	USPAT	OR	OFF	2007/03/08 17:24
S13 5	2714	((akio with omiya) (yoshihiro with ito) (takehiko with senba) (hiroshi with endo)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 17:25
S13 6	160	((akio with omiya) (yoshihiro with ito) (takehiko with senba) (hiroshi with endo)).in. and barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 18:04